

FIG. 1

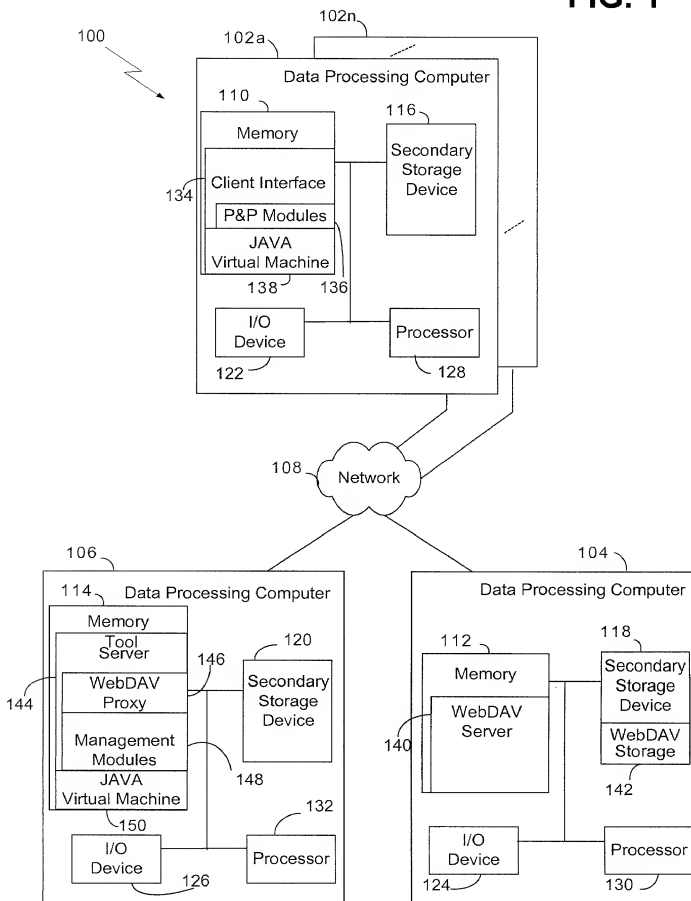
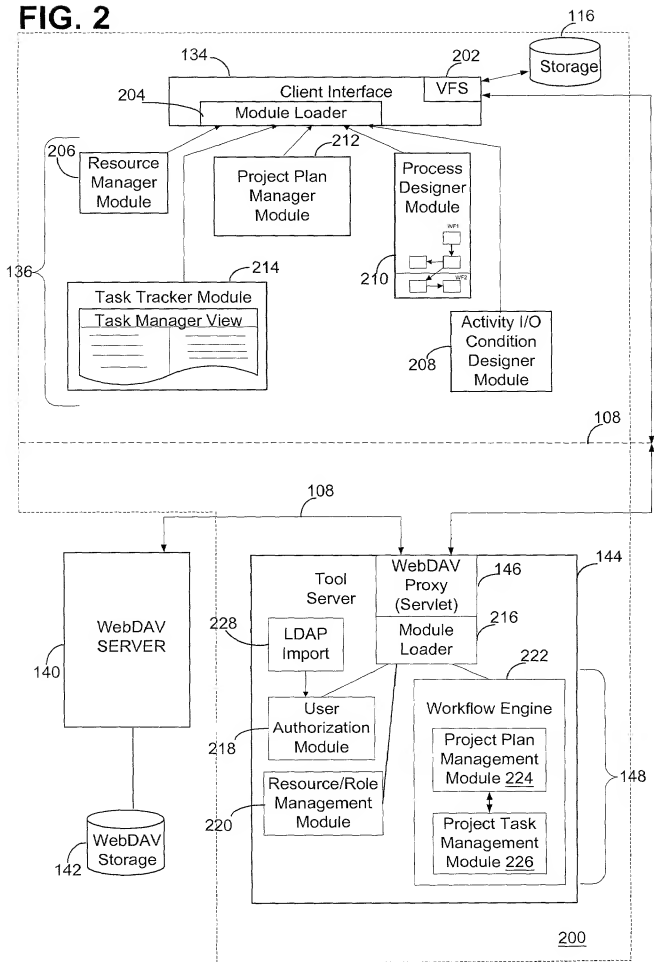


FIG. 2



0944697-083101

FIG. 3

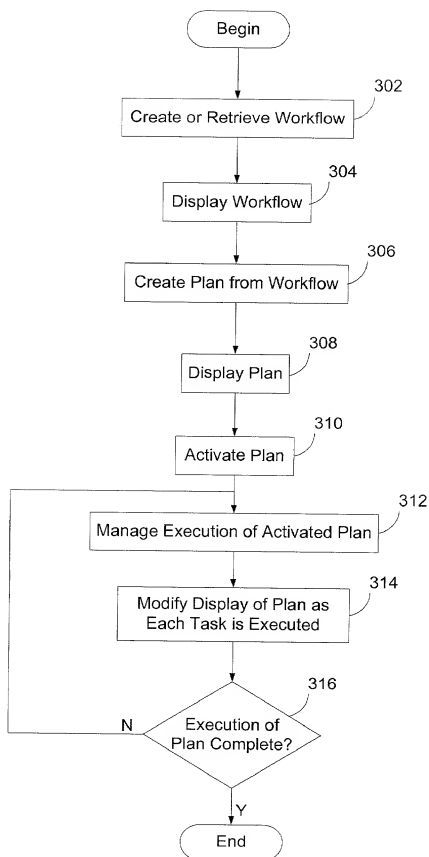


FIG. 4

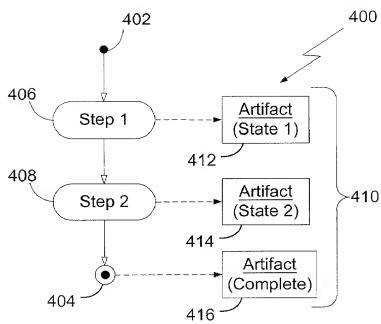


FIG. 5

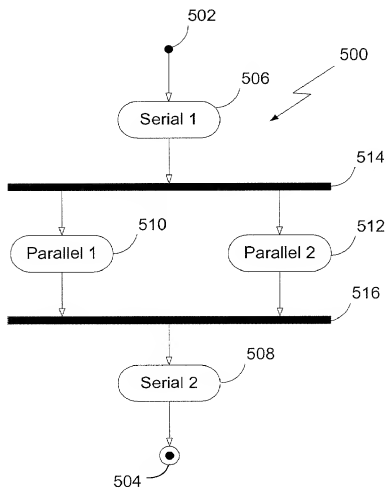


FIG. 6

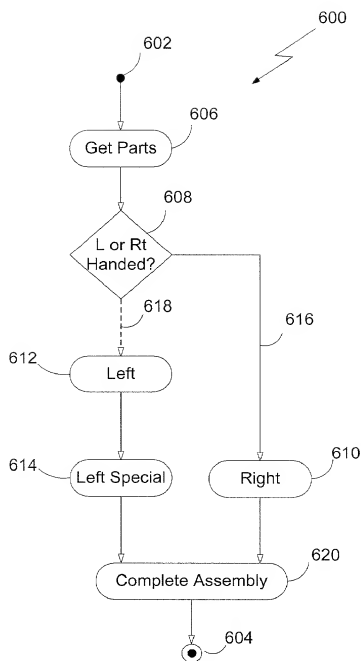


FIG. 10

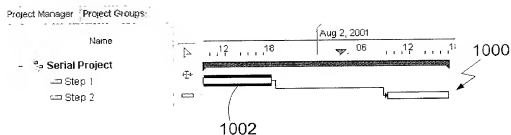


FIG. 11

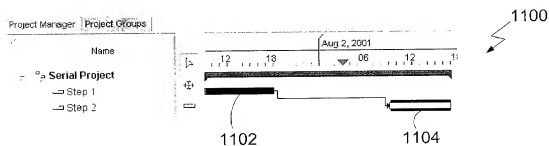


FIG. 12

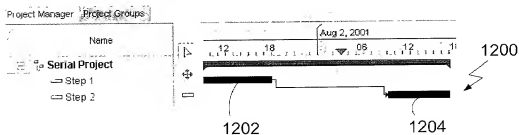


FIG. 13

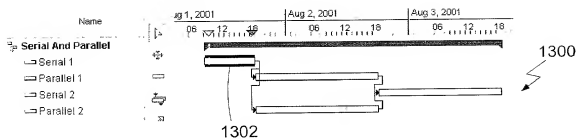


FIG. 14

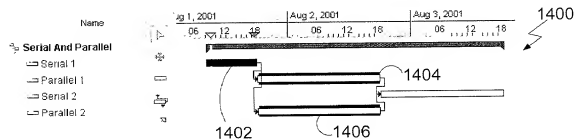


FIG. 15

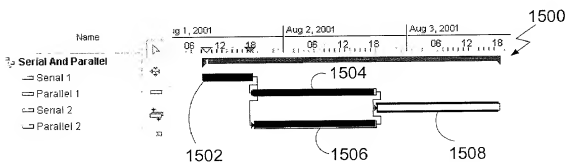


FIG. 16

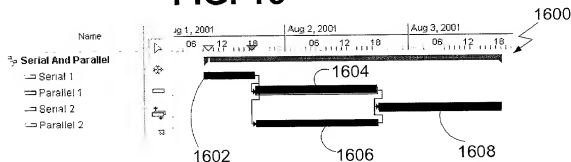


FIG. 17

- Logic Branch Project
 - Get Parts
 - L Or Rt Handed?
 - Right
 - Complete Assembly

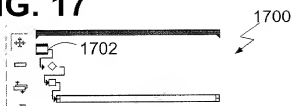


FIG. 18

- Logic Branch Project
 - Get Parts
 - L Or Rt Handed?
 - Right
 - Complete Assembly

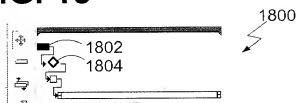


FIG. 19

- Logic Branch Project
 - Get Parts
 - L Or Rt Handed?
 - Right
 - Complete Assembly

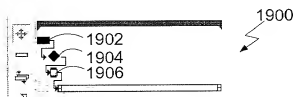


FIG. 20

- Logic Branch Project
 - Get Parts
 - L Or Rt Handed?
 - Right
 - Complete Assembly

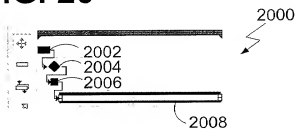


FIG. 21

- Logic Branch Project
 - Get Parts
 - L Or Rt Handed?
 - Right
 - Complete Assembly

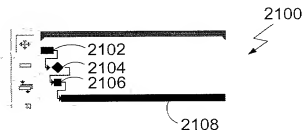


FIG. 22

- Logic Branch Project
 - Get Parts
 - L Or Rt Handed?
 - Right
 - Complete Assembly

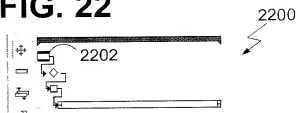


FIG. 23

- Logic Branch Project
 - Get Parts
 - L Or Rt Handed?
 - Right
 - Complete Assembly

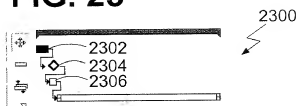


FIG. 24

- Logic Branch
 - Get Parts
 - L Or Rt Handed?
 - Left
 - Left Special
 - Complete Assembly

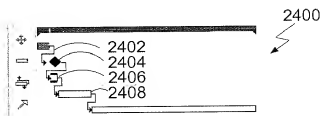


FIG. 25

Logic Branch

- ↳ Get Parts
- ↳ L Or Rt Handed?
- ↳ Left
- ↳ Left Special
- ↳ Complete Assembly

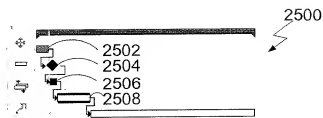


FIG. 26

Logic Branch

- ↳ Get Parts
- ↳ L Or Rt Handed?
- ↳ Left
- ↳ Left Special
- ↳ Complete Assembly

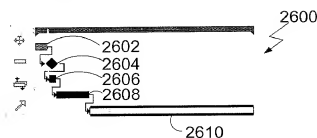


FIG. 27

Logic Branch

- ↳ Get Parts
- ↳ L Or Rt Handed?
- ↳ Left
- ↳ Left Special
- ↳ Complete Assembly

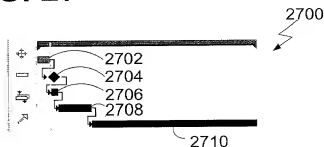


FIG. 28A

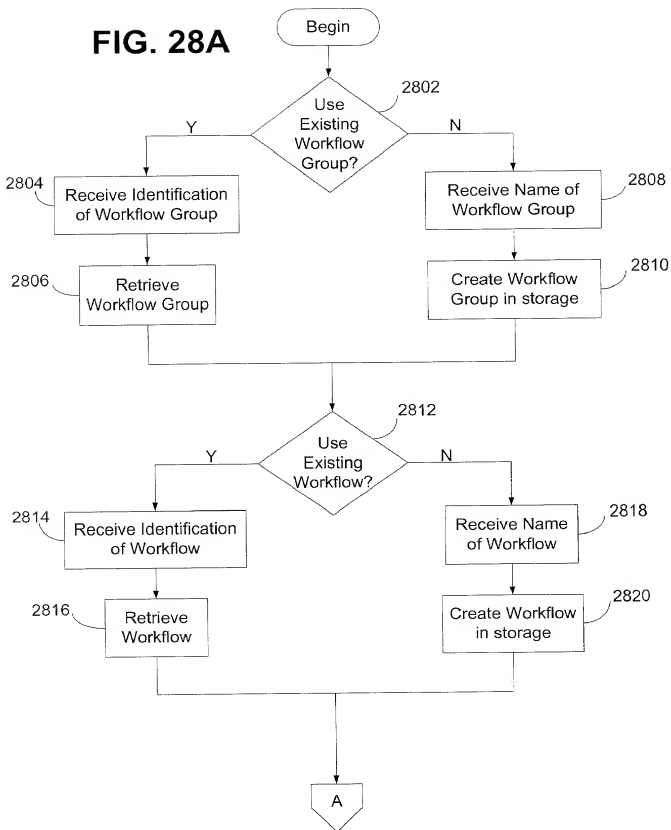


FIG. 28B

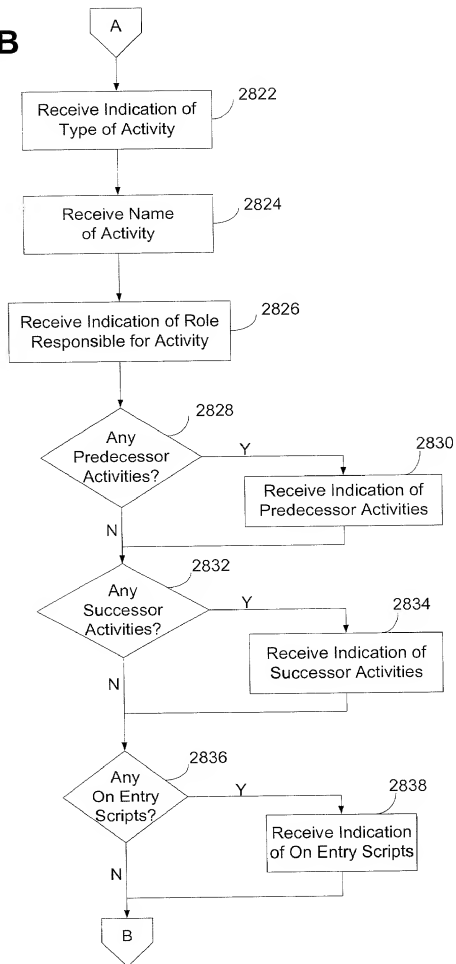
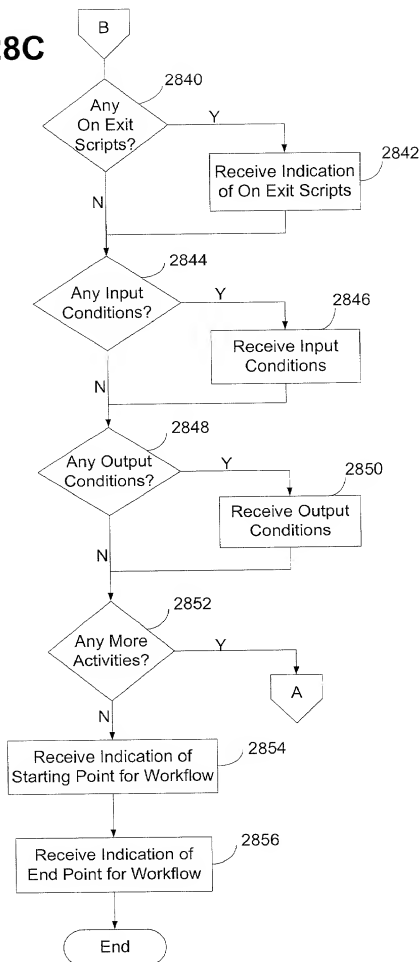


FIG. 28C



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FIG. 29

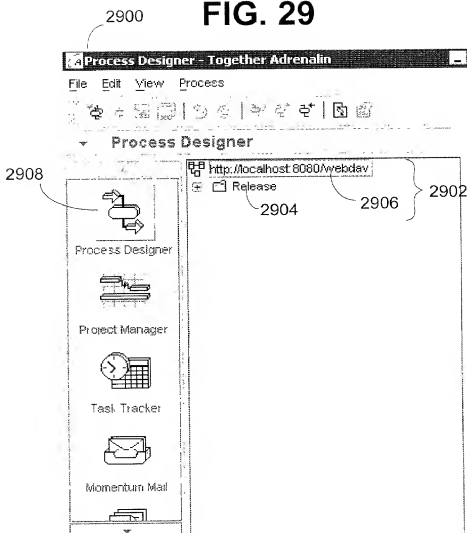


FIG. 30

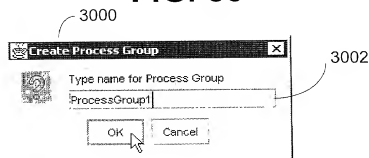


FIG. 31

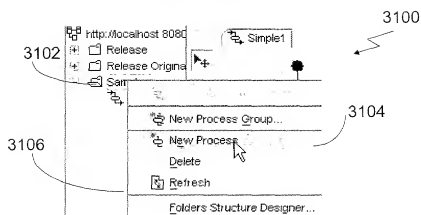


FIG. 32

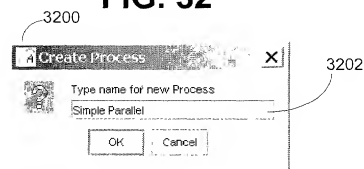


FIG. 33A

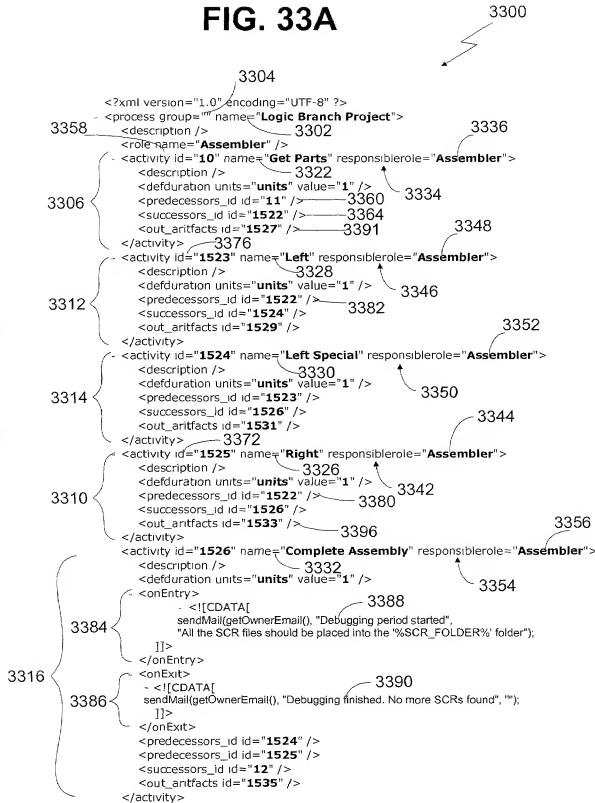


FIG. 33B

```

3394 {
- <artifact id="1527" identity="linkable1" name="Document is INITIAL">
  <description>The condition becomes true when the %Document% artifact gets the
    INITIAL state. To make this condition valid you should define the %Document%
    parameter and optionally define the document template and the application to
    open the document.</description>
  <type>linkable</type>
  <link link="%Document%" />
  <state>INITIAL</state>
  <event id="1528" />
  </artifact>
- <artifact id="1529" identity="linkable1" name="Document is LEFT">
  <description>The condition becomes true when the %Document% artifact gets the
    LEFT state. To make this condition valid you should define the %Document%
    parameter and optionally define the document template and the application to
    open the document.</description>
  <type>linkable</type>
  <link link="%Document%" />
  <state>LEFT</state>
  <event id="1530" />
  </artifact>
- <artifact id="1531" identity="linkable1" name="Document is LEFT SPECIAL">
  <description>The condition becomes true when the %Document% artifact gets the
    LEFT SPECIAL state. To make this condition valid you should define the
    %Document% parameter and optionally define the document template and the
    application to open the document.</description>
  <type>linkable</type>
  <link link="%Document%" />
  <state>LEFT SPECIAL</state>
  <event id="1532" />
  </artifact>
- <artifact id="1533" identity="linkable1" name="Document is RIGHT">
  <description>The condition becomes true when the %Document% artifact gets the
    RIGHT state. To make this condition valid you should define the %Document%
    parameter and optionally define the document template and the application to
    open the document.</description>
  <type>linkable</type>
  <link link="%Document%" />
  <state>RIGHT</state>
  <event id="1534" />
  </artifact>
- <artifact id="1535" identity="linkable1" name="Document is APPROVED">
  <description>The condition becomes true when the %Document% artifact gets the
    APPROVED state. To make this condition valid you should define the
    %Document% parameter and optionally define the document template and the
    application to open the document.</description>
  <type>linkable</type>
  <link link="%Document%" />
  <state>APPROVED</state>
  <event id="1536" />
  </artifact>

```

FIG. 33C

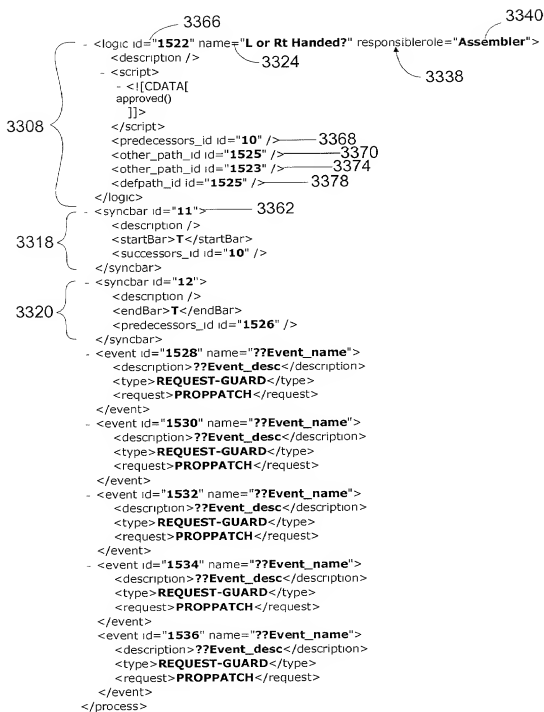


FIG. 34

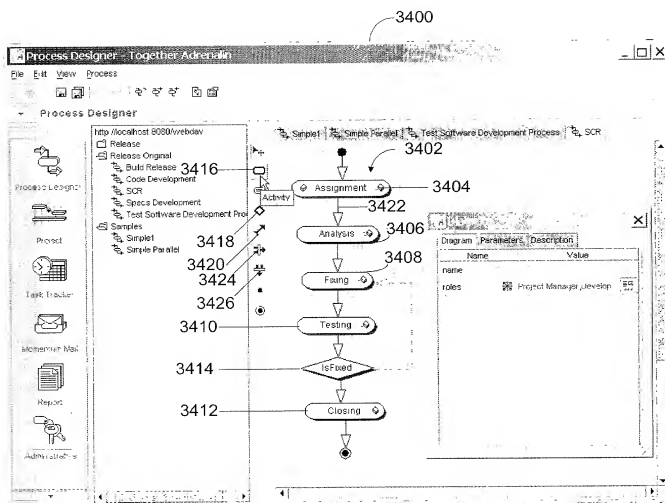


FIG. 35

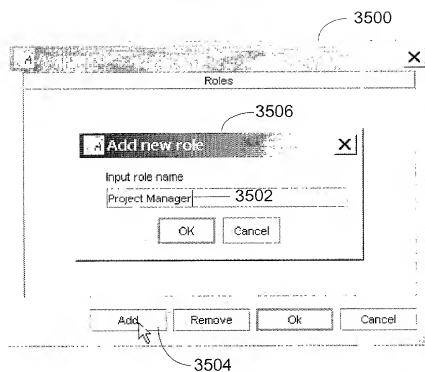


FIG. 36

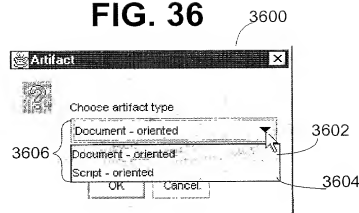


FIG. 37

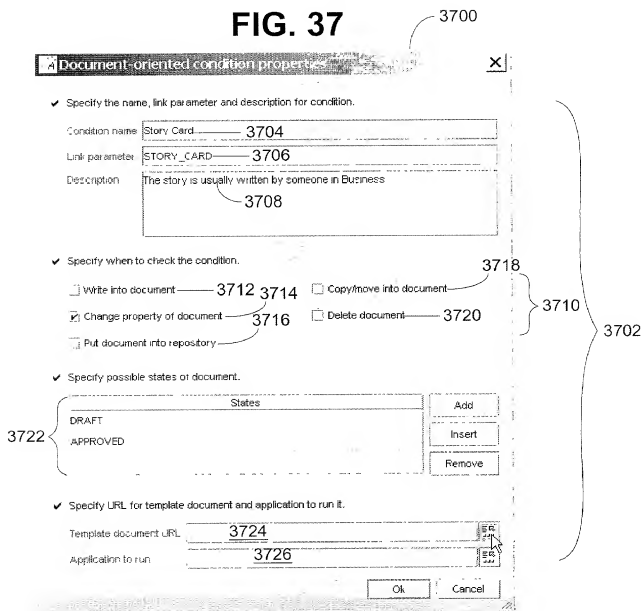


FIG. 38

3800

Script-oriented condition properties [X]

✓ Specify the name and description for condition.

Condition name 3804

Description 3806
Tests if the percent completion is 100%.

✓ Specify when to check the condition

3808 { ☐ * Absolute time 3810
☐ Period 3812
☐ * Url change 3814

* - values for these items will be assigned at planning phase

☒ * Task change 3816
☐ Any http request 3818

✓ Define script parameters and content 3822

| Name | Value | Add |
|------|-------|-----|
| | | |

Script content 3826
getPercent()==100; 3828

3826

Ok Cancel

3802

009044637 0033104

FIG. 39

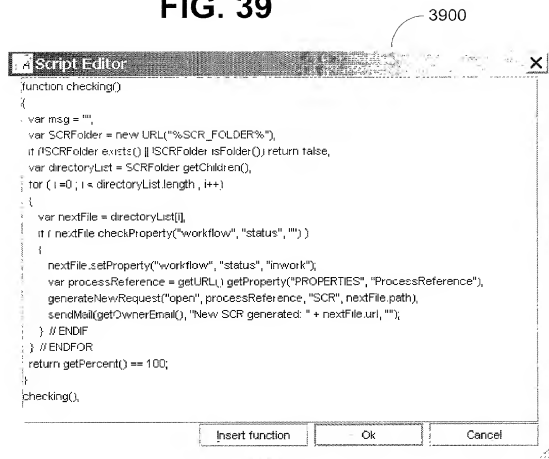


FIG. 40

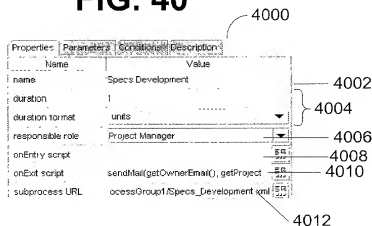


FIG. 41A

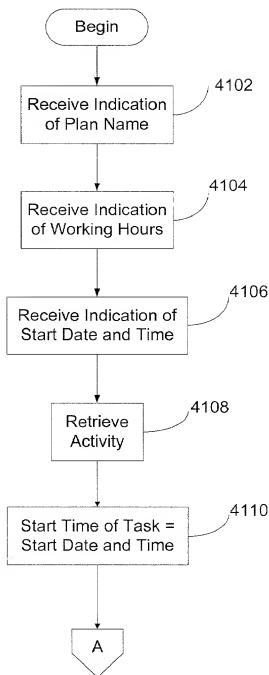


FIG. 42

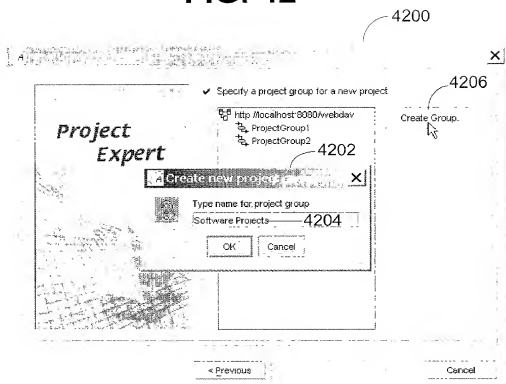


FIG. 43



FIG. 44



FIG. 45

4500

✓ Specify timetable for project

Select Timetable template

4504 ☒ Standard Timetable 4520 ☐ Intensive Timetable

4502 { ☐ 24 Hours 4518

Working Days:

4510 4508 4512 4514 4516

Working Hours

4506 { Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday

FIG. 46

4600

✓ Specify start and finish dates of the project

Start date (mm/dd/yyyy): 7/2/2001 9AM 4602

Finish date (mm/dd/yyyy): 8/10/2001 5PM 4604

Edit Work Calendar

FIG. 47

4700

```

<?xml version="1.0" encoding="UTF-8" ?>
<process group="" name="Serial & Parallel">
  <description />
  <role name="Worker" />
  .. <activity id="10" name="Serial 1" responsiblerole="Worker">
    <description />
    <defduration units="hours" value="9" />—— 4704
    <predecessors_id id="11" />
    <successors_id id="1522" />
  </activity>
  .. <activity id="1523" name="Parallel 1" responsiblerole="Worker">
    <description />
    <defduration units="hours" value="24" />—— 4710
    <predecessors_id id="1522" />
    <successors_id id="1525" />
  </activity>
  .. <activity id="1524" name="Parallel 2" responsiblerole="Worker">
    <description />
    <defduration units="hours" value="24" />—— 4712
    <predecessors_id id="1522" />
    <successors_id id="1525" />
  </activity>
  .. <activity id="1526" name="Serial 2" responsiblerole="Worker">
    <description />
    <defduration units="hours" value="24" />—— 4716
    <predecessors_id id="1525" />
    <successors_id id="12" />
  </activity>
  .. <syncbar id="11">
    <description />
    <startBar>T</startBar>
    <successors_id id="10" />
  </syncbar>
  .. <syncbar id="12">
    <description />
    <endBar>T</endBar>
    <predecessors_id id="1526" />
  </syncbar>
  .. <syncbar id="1522" name="SyncBarH1">
    <description />
    <predecessors_id id="10" />
    <successors_id id="1523" />
    <successors_id id="1524" />
  </syncbar>
  .. <syncbar id="1525" name="SyncBarH2">
    <description />
    <predecessors_id id="1523" />
    <predecessors_id id="1524" />
    <successors_id id="1526" />
  </syncbar>
</process>

```

FIG. 48

4800

```

<?xml version="1.0" encoding="UTF-8" ?>
<A:plan name="Serial_And_Parallel" userid="JK" xmlns:A="workflow">
  <A:description>
    <![CDATA[
      No Description
    ]]>
  </A:description>
  <A:task activityID="10" caption="Serial 1"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_2.xml" name="Task_2"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 9</A:start> 4804
    <A:finish>2001 8 1 18</A:finish> 4806
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:successor name="Task_3" />
    <A:successor name="Task_4" />
  </A:task>
  <A:task activityID="1523" caption="Parallel 1"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_3.xml" name="Task_3"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 18</A:start> 4812
    <A:finish>2001 8 2 18</A:finish> 4816
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_2" />
    <A:successor name="Task_5" />
  </A:task>
  <A:task activityID="1524" caption="Parallel 2"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_4.xml" name="Task_4"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 18</A:start> 4814
    <A:finish>2001 8 2 18</A:finish> 4818
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_2" />
    <A:successor name="Task_5" />
  </A:task>
  <A:task activityID="1526" caption="Serial 2"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_5.xml" name="Task_5"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 2 18</A:start> 4822
    <A:finish>2001 8 3 18</A:finish> 4824
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_3" />
    <A:predecessor name="Task_4" />
  </A:task>
  <A:task activityID="NONE" caption="Serial And Parallel"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_1.xml" name="Task_1"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 8</A:start>
    <A:finish>2001 8 3 18</A:finish>
    <A:user>JK</A:user>
    <A:subtask name="Task_2" />
  </A:task>

```

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FIG. 49

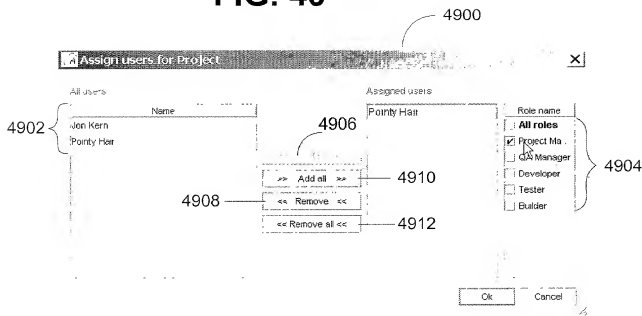


FIG. 50

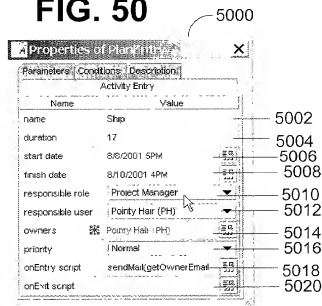


FIG. 51

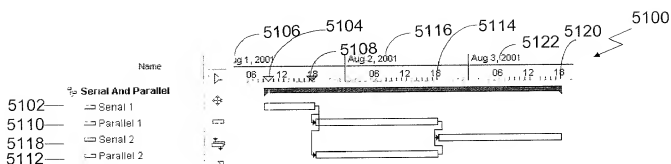


FIG. 52

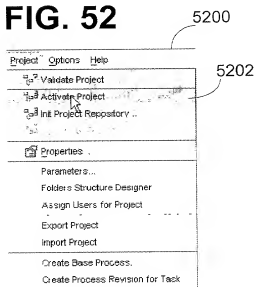


FIG. 53

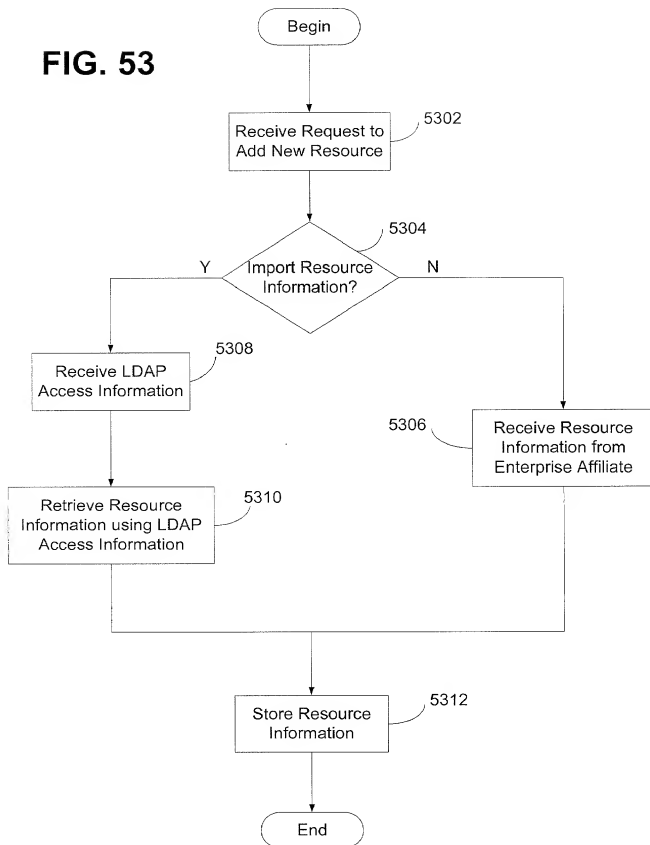


FIG. 54

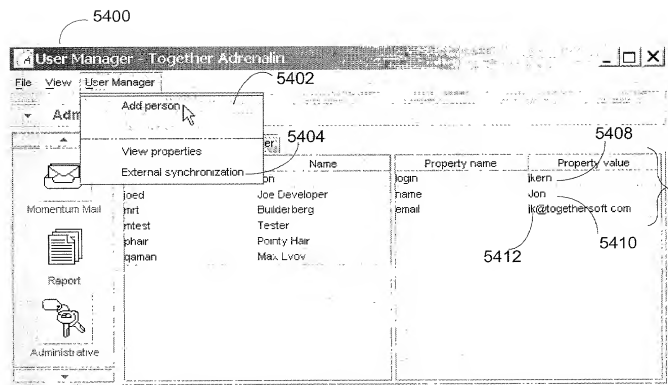


FIG. 55

5500

External synchronization

New: 389

5502 {

LDAP Server 5504 tredo

LDAP Port 5506 389

People DN 5508 OU=LOCAL USERS, DC=amazonsott, DC=som

☐ Use password

Security DN 5510

Password 5512

Login alias 5514 mlogin

Add Remove Save Close Synchronize

5600

```

<?xml version="1.0" encoding="UTF-8" ?>
- <users>
  5602 {
    <user>
      <id>PH</id> 5610
      <name>Pointy Hair</name>
      <email>ph@company.com</email>
      <password>ZGV364==</password>
      url= "Software_Projects/Hello-World_App/Users_1.xml" 5612
    </user>
    - <user>
      5604 {
        <id>MQ</id>
        <name>Mister Quality</name>
        <email>mq@company.com</email>
        <password>ZGV636==</password>
        url= "Software_Projects/Hello-World_App/Users_1.xml"
      </user>
      - <user>
        5606 {
          <id>MB</id>
          <name>Mister Build</name>
          <email>mb@company.com</email>
          <password>ZGV635==</password>
          url= "Software_Projects/Hello-World_App/Users_1.xml"
        </user>
        - <user>
          5608 {
            <id>MT</id>
            <name>Mister Tee</name>
            <email>mt@company.com</email>
            <password>ZGV470==</password>
            url= "Software_Projects/Hello-World_App/Users_1.xml"
          </user>
        </users>
      </users>
    </users>
  }

```

FIG. 57A

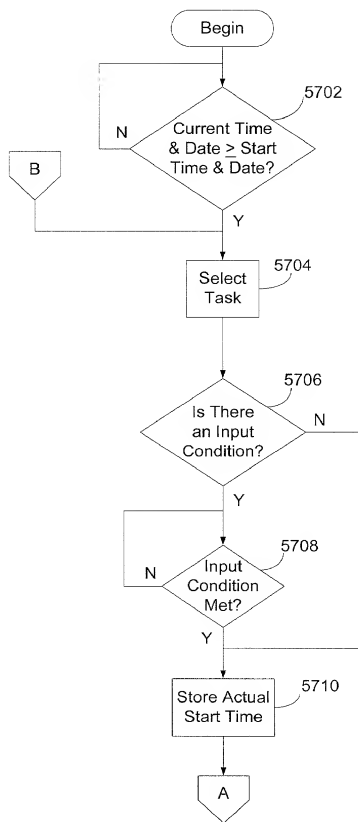


FIG. 57B

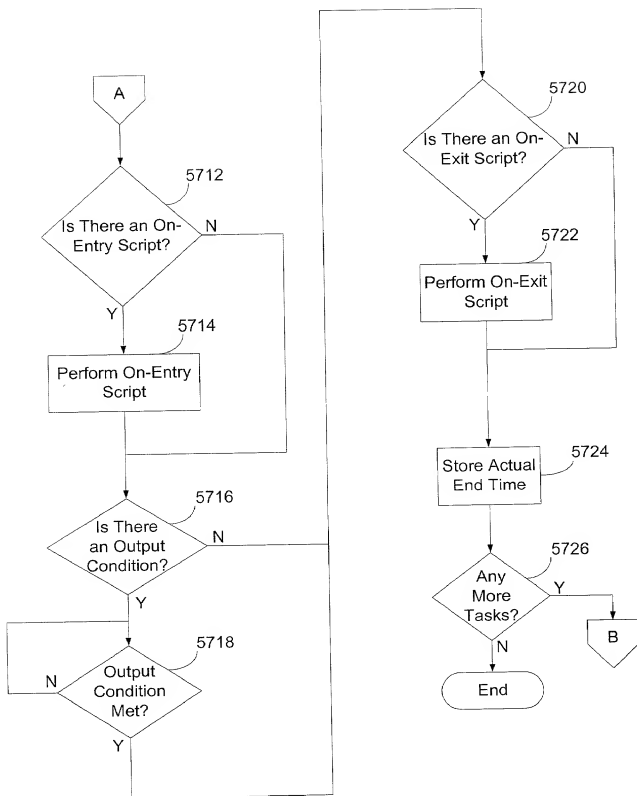


FIG. 58

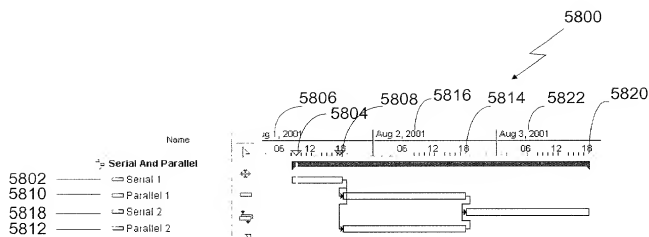


FIG. 59

5900

```
<?xml version="1.0" encoding="UTF-8" ?>
<A:plan name="Serial_And_Parallel" userid="JK" xmlns:A="workflow">
  <A:description>
    <![CDATA[
      No Description
    ]]>
  </A:description>
  <A:task activityID="10" caption="Serial 1"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_2.xml" name="Task_2"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 8</A:start>
    <A:finish>2001 8 1 18</A:finish>
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:successor name="Task_3" />
    <A:successor name="Task_4" />
  </A:task>
  <A:task activityID="1523" caption="Parallel 1"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_3.xml" name="Task_3"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 18</A:start>
    <A:finish>2001 8 2 18</A:finish>
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_2" />
    <A:successor name="Task_5" />
  </A:task>
  <A:task activityID="1524" caption="Parallel 2"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_4.xml" name="Task_4"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 18</A:start>
    <A:finish>2001 8 2 18</A:finish>
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_2" />
    <A:successor name="Task_5" />
  </A:task>
  <A:task activityID="1526" caption="Serial 2"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_5.xml" name="Task_5"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 2 18</A:start>
    <A:finish>2001 8 3 18</A:finish>
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_3" />
    <A:predecessor name="Task_4" />
  </A:task>
  <A:task activityID="NONE" caption="Serial And Parallel"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_1.xml" name="Task_1"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 8</A:start>
    <A:finish>2001 8 3 18</A:finish>
    <A:user>JK</A:user>
    <A:subtask name="Task_2" />
```

FIG. 59

FIG. 60

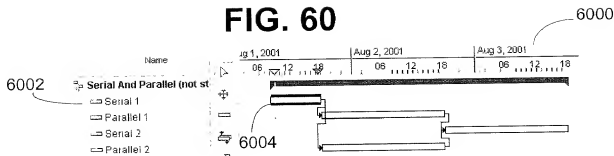


FIG. 61

```

<?xml version="1.0" encoding="UTF-8" ?>
- <A:FilePropertyMap xmlns:A="adrenalin:">
  <A:factstart xmlns:A="workflow">2001 8 1 9</A:factstart>
  <A:factfinish xmlns:A="workflow">2001 8 1 14</A:factfinish>
  <A:ProjectTask xmlns:A="Serial 1"/>
</A:FilePropertyMap>
  
```

6100

6104

6102

6106

FIG. 62

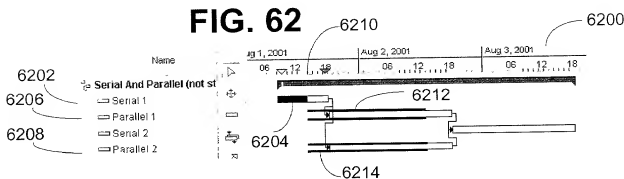


FIG. 63

```

<?xml version="1.0" encoding="UTF-8" ?>
- <A:FilePropertyMap xmlns:A="adrenalin:">
  <A:factstart xmlns:A="workflow">2001 8 1 14</A:factstart>
  <A:factfinish xmlns:A="workflow">2001 8 2 0</A:factfinish>
  <A:ProjectTask xmlns:A="Parallel 1"/>
  <A:ProjectTask xmlns:A="Parallel 2"/>
</A:FilePropertyMap>
  
```

6300

6306

6308

6302

6304

FIG. 64

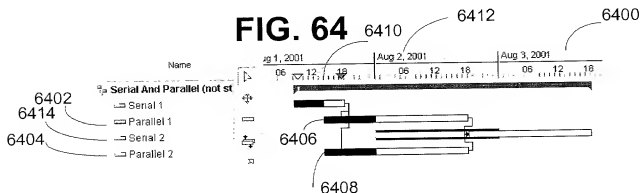


FIG. 65

```

        6500
        <?xml version="1.0" encoding="UTF-8" ?>
        - <A:FilePropertyMap xmlns:A="adrenalin:">
          <A:factstart xmlns:A="workflow">2001 8 2 0</A:factstart>
          <A:factfinish xmlns:A="workflow">2001 8 2 12</A:factfinish>
          <A:ProjectTask xmlns:A="Serial 2" />
        </A:FilePropertyMap>
        6502
        6504
        6506
    
```

FIG. 66

